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EFFICACY REVIEW

DATE: IN 3-13-02 OUT 4- 1-02

FILE OR REG. NO. 45600-19

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED February 20, 2002

DATE OF SUBMISSION February 13, 2002

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCT(S): (I,)D, H, F, N, R, S _____

DATA ACCESSION NO(S). 456170-01 & -02; D281606; S612002; Case #
069031; AC:305

PRODUCT MGR. NO. 03-Layne/Sproat

PRODUCT NAME(S) Insecta Spray

COMPANY NAME Insecta Marketing, Incorporated

SUBMISSION PURPOSE Provide performance data in support of claims
for control of German cockroach and house fly
as examples of crawling and flying insect pests.

CHEMICAL & FORMULATION Permethrin: (3-phenoxyphenyl)methyl(+)-cis-
trans-3-(2,2-dichloroethyl) 2,2-dimethylcyclopropanecarboxylate*
*Cis/trans isomer ratio: 2.00%
not stated (ready-to-use pressurized spray, Sp.Gr. unknown)

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession
(MRID) Number 456170-01, having been obtained from standard labor-
atory testing meeting the requirements of § 95-11(b)(1)-(7) on p.
268 and the standard of § 95-11(c)(2)(ii)(A)(a) on p. 270 of the
Product Performance Guidelines, are adequate to demonstrate ability
of the subject product to control adult German cockroach, *Blattella*
germanica, of both sexes when exposed to masonite panels painted
with 2 coats of indoor latex paint and allowed to dry for 24 hours
prior to being sprayed according to label directions with the sub-
ject product, for 4, 8, 12, 24, 48 and 72 hours before assessing
mortality and moribundity. Results were as follows: 32% at 4
hours, 46% at 8 hours, 64% at 12 hours, 90% at 24 hours, 92% at
48 hours and 98% at 72 hours, mortality of German cockroach exposed
to residues aged for 15 months. Data presented in MRID No. 456170-
02, having been obtained from standard laboratory testing meeting
the requirements of § 95-11(b)(1)-(7) on p. 268 and the standard of
§ 95-11(c)(2)(ii)(B)(a) on p. 270 of the Guidelines, are adequate
to demonstrate the ability of the subject product (to be continued)

to control adult house fly, *Musca domestica*, of mixed sexes which come to rest on masonite panels painted with 2 coats of indoor latex paint and allowed to dry for 24 hours prior to spraying with the subject product according to label directions. Results were measured by knockdown at 15, 30 and 45 minutes, 1 and 2 hours as follows: 7% KD at 15 minutes, 53% KD at 30 minutes, 82% KD at 45 minutes, 98% KD at 1 hour and 100% KD at 2 hours after being exposed to panels aged 15 months.

RL Vern L. McFarland, IB